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 TI Thixotropic aqueous emulsion compositions and their manufacture
 IN Asahina, Toshiyuki; Toda, Tatsuya
 PA Daicel Chemical Industries, Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 10 pp.
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CLASS

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AB The title comps., forming rapidly drying and tough films with reduced amt. of thickeners, useful for coatings, adhesives, and filling materials, contain powd. or granular fillers and fine fibers with av. diam. 0.01-5 .mu.m, av. length 5-3000 .mu.m, sp. surface area 50-300 m2/g, and aspect ratio 250-15,000 and are manufd. by blending aq. emulsions, the fillers, and the fibers. Thus, a coating prepd. from ethylene-Veova 10-vinyl acetate copolymer emulsion 100, a 10% cellulose fiber slurry (Celish PD 100G; av. diam. 0.1 .mu.m, av. length 500 .mu.m, sp. surface area 200 m2/g, av. aspect ratio 5000) 5, hydroxyethyl cellulose 0.3, nonionic surfactant 2, polycarboxylic acid dispersant 2, 25% aq. ammonia 1, HOCH2CH2OH 7, di-Bu phthalate 5, antifoamer 0.5, fungicide 0.5, clay 30, CaCO3 50, TiO2 30, white marble (av. diam. 2-3 mm) 360, and H2O 60 parts was sprayed on a primer-coated cement slate plate, showing loss by splash 8% and no sagging.

ST thixotropic coating cellulose fiber blend; slate coating thixotropic fiber blend; vinyl acetate copolymer emulsion thixotropic coating

IT Tiles